

Category E Animal Use

Wright State University

Certification # 31-R-0055

One protocol at our facility uses the Japanese House Shrew (*Suncus murinus*) to test novel drugs as anti-emetics. The Japanese house shrew is the lowest available phylogenetic species that displays the vomiting reflex. Nausea and/or emesis are induced by either motion or by IP administration of a drug. The resulting nausea and emesis are potentially distressing events which are unavoidable. The treatment or prevention of the nausea and emesis would prevent interpretation of the efficacy of novel test compounds in this study. Thus, agents to relieve the emesis cannot be administered when evaluating the anti-emetic drugs studied in this protocol. 24 *Suncus murinus* were used in category E studies during the annual report year.